To: Imhoff, Robert[imhoff.robert@epa.gov]; Feldman, Michael[Feldman.Michael@epa.gov]

Cc: Snyder, Erik[snyder.erik@epa.gov]

From: Rock, Josh

**Sent:** Tue 1/3/2017 3:53:10 PM **Subject:** Re: BART Rule - December 9

Ok. Sounds like the drive is failing. I will get another drive prepped and over to you sometime after lunch. I will send you an email once I have completed formatting the drive to come drop it off.

Josh

From: "Imhoff, Robert" <imhoff.robert@epa.gov>

Date: Tuesday, January 3, 2017 at 9:21 AM

To: "Rock, Josh" <josh.rock@vistraenergy.com>, "Feldman, Michael"

<Feldman.Michael@epa.gov>

Cc: "Snyder, Erik" <snyder.erik@epa.gov>
Subject: RE: BART Rule - December 9

Josh,

4TB is enough. You can drop it on the 7<sup>th</sup> floor reception and I can pick it up later, just let me know by email that you've dropped it off.

As an alternative, we have your Run 1 copy ready and UNC will ship Runs 2&3 to us today. If all goes well we'll have those runs copied by the middle of next week and can ship them all to you. If you want to get your Run 1 copy today, please let me know about what time you'll arrive so I can be free - and I can meet you in the 7<sup>th</sup> floor reception after they call me with your copy and the bad drive. Note that the drive has not completely failed, but clicks every couple of seconds and copies to it take about 20 times as long as to your good drive.

Best regards,

Bob

From: Rock, Josh [mailto:josh.rock@vistraenergy.com]

Sent: Tuesday, January 03, 2017 9:07 AM

To: Feldman, Michael <Feldman.Michael@epa.gov>

Cc: Snyder, Erik <snyder.erik@epa.gov>; Imhoff, Robert <imhoff.robert@epa.gov>

Subject: Re: BART Rule - December 9

Interesting! I will work on getting another drive over to you today. Will a 4TB drive be enough?

Josh Rock

**Executive Support** 

972.754.4029

On Dec 28, 2016, at 14:23, Feldman, Michael < Feldman.Michael@epa.gov > wrote:

Josh -

The 8 TB drive that you sent does not work properly and we are unable to write any data to it. Please make arrangements to send another drive to replace this one. We can return the bad drive along with the other drives once all the copying is complete.

Please let us know if you have any questions.

Thank you,

# Michael Feldman, PhD

Environmental Engineer Air Planning Section U.S. EPA Region 6, 6PD-L Phone: 214-665-9793 feldman.michael@epa.gov From: Rock, Josh [mailto:josh.rock@vistraenergy.com]

Sent: Thursday, December 22, 2016 3:06 PM

To: Snyder, Erik < snyder.erik@epa.gov >; Feldman, Michael < Feldman.Michael@epa.gov >

Cc: Hansen, Mark < Hansen. Mark@epa.gov > Subject: FW: BART Rule - December 9

Hello – Erik / Michael – My name is Josh Rock (IT Department) and I work with Dan Kelly and Stephani Moore. I have 3 external hard drives that I was wondering if I can drop off today or tomorrow to anyone that would be appropriate at the EPA office? I will be out next week and was hoping to get these to you before then if possible.

I have 2 drives formatted for Ext3 and 1 for Windows.

Thank you,

<image004.png>

Josh A. Rock Vistra Energy

Sr. Analyst-Executive Support 1601 Bryan St

**Technology Services** Dallas, TX 75201

vistraenergy.com o 214.875.8420

m 972.754.4029

From: Kelly, Dan [mailto:dan.kelly@vistraenergy.com]

Sent: Wednesday, December 21, 2016 3:38 PM

To: Rock, Josh <josh.rock@vistraenergy.com>; Lamberth, Kevin

<kevin.lamberth@vistraenergy.com>

Cc: Johnson, Randel < Randel Johnson @txu.com >

### Subject: RE: BART Rule - December 9

That won't be necessary on chain of custody. Thanks for the help and quick response!

<image005.png>

Daniel Jude Kelly Vistra Energy

1601 Bryan Street

Vice President

43rd Floor

**Associate General Counsel** 

Dallas, TX 75201

Dan.Kelly@vistraenergy.com

o 214.812.7182

vistraenergy.com

From: Rock, Josh

Sent: Wednesday, December 21, 2016 3:37 PM

To: Kelly, Dan < dan.kelly@vistraenergy.com>; Lamberth, Kevin

< kevin.lamberth@vistraenergy.com>

Cc: Johnson, Randel < Randel. Johnson @txu.com>

Subject: RE: BART Rule - December 9

Yes, I will send out a note tomorrow once they have been delivered. If need be I can have him sign a chain of custody form.

<image006.png>

Josh A. Rock Vistra Energy

Sr. Analyst-Executive Support 1601 Bryan St

#### **Technology Services**

Dallas, TX 75201

vistraenergy.com

o 214.875.8420

m 972.754.4029

From: Kelly, Dan [mailto:dan.kelly@vistraenergy.com]

Sent: Wednesday, December 21, 2016 3:33 PM

**To:** Lamberth, Kevin < <u>kevin.lamberth@vistraenergy.com</u> > **Cc:** Johnson, Randel < <u>Randel.Johnson@txu.com</u> >; Rock, Josh

<josh.rock@vistraenergy.com>

Subject: RE: BART Rule - December 9

Great. Can you guys have them hand deliver to this person at this address (below) – it is a few blocks from Energy Plaza:

Attention: Michael Feldman, - code 6MMAA

U.S. EPA, Region 6

1445 Ross Avenue

**Suite 1200** 

Dallas

214-665-9793

The data can be returned to my attention – my sig block below.

<image007.png>
Daniel Jude Kelly

Vistra Energy 1601 Bryan Street

Vice President

43<sup>rd</sup> Floor

**Associate General Counsel** 

Dallas, TX 75201 o 214.812.7182

Dan.Kelly@vistraenergy.com

vistraenergy.com

From: Lamberth, Kevin

**Sent:** Wednesday, December 21, 2016 3:24 PM **To:** Kelly, Dan < <u>dan.kelly@vistraenergy.com</u>>

Cc: Johnson, Randel < Randel Johnson @txu.com >; Rock, Josh

<josh.rock@vistraenergy.com>

Subject: Re: BART Rule - December 9

Dan.

Josh and I just spoke. Drives should be formatted and in your office tomorrow. If we need to deliver them somewhere else, please let me know.

Kevin Lamberth

**Energy Future Holdings** 

IT Director - End User Computing

O-214.812.5515

C-214.435.3454

Kevin.Lamberth@energyfutureholdings.com

Sent from my iPhone

On Dec 21, 2016, at 3:20 PM, Kelly, Dan < dan.kelly@vistraenergy.com > wrote:

Randel, thanks for quick response. Kevin called me and sounds like he can get sorted out. I just need the drives by next Tue so I can deliver to EPA and have them put info on them.

<image004.png>

**Daniel Jude Kelly**Vistra Energy
1601 Bryan Street

Vice President

43<sup>rd</sup> Floor

**Associate General Counsel** 

Dallas, TX 75201 o 214.812.7182

Dan.Kelly@vistraenergy.com

vistraenergy.com

From: Johnson, Randel

Sent: Wednesday, December 21, 2016 3:18 PM

**To:** Kelly, Dan <<u>dan.kelly@vistraenergy.com</u>>; Lamberth, Kevin

< kevin.lamberth@vistraenergy.com>; Rock, Josh < josh.rock@vistraenergy.com>

Subject: RE: BART Rule - December 9

Looping in Josh Rock ++++

What is the exact size and deliverable date. Josh can pick them up and format the drives and can get them sent out. When do you need them by?

Randel Johnson | Managing Architect Citrix | Vistra Energy | Office: (972) 868-4554 | Mobile: (214) 707-9106

From: Kelly, Dan [mailto:dan.kelly@vistraenergy.com]

Sent: Wednesday, December 21, 2016 3:03 PM

To: Lamberth, Kevin < kevin.lamberth@vistraenergy.com >; Johnson, Randel

< <u>Randel.Johnson@txu.com</u>>

Subject: FW: BART Rule - December 9

Kevin or Randel,

Can one of you help us with this? We need to get these drives over to EPA so they can give us the data. Thanks.

<image005.png>
Daniel Jude Kelly

Vistra Energy

1601 Bryan Street

Vice President

43<sup>rd</sup> Floor

**Associate General Counsel** 

Dallas, TX 75201 o 214.812.7182

Dan.Kelly@vistraenergy.com

vistraenergy.com

From: Moore, Stephanie

Sent: Wednesday, December 21, 2016 2:58 PM

To: Kelly, Dan < dan.kelly@vistraenergy.com>; Stephen Gidiere III

(sgidiere@balch.com) <sgidiere@balch.com>

Subject: FW: BART Rule - December 9

Dan - Can you work with Kevin Lamberth to get these drives over? See below on specs needed.

<image006.png>

Stephanie Zapata Moore Executive Vice President & General 1601 Bryan Street Counsel

Vistra Energy Dallas, TX 75201 o 214.875.8183 m 214.542.6460

stephanie.moore@vistraenergy.com

vistraenergy.com

From: Feldman, Michael [mailto:Feldman.Michael@epa.gov]

Sent: Wednesday, December 21, 2016 2:27 PM

To: Moore, Stephanie < Stephanie. Moore@luminant.com >; Snyder, Erik

<snyder.erik@epa.gov>

Cc: Hansen, Mark < Hansen. Mark @epa.gov> Subject: RE: BART Rule - December 9

Stephanie – 3 6TB drives would be more than sufficient. The CAMx files are spread across 2 4TB drives and the CALPUFF model files are approximately 1.5 TB.

New drives are typically formatted as NTFS and that should work for the CALPUFF files (windows/DOS). The drives for the CAMx files (Linux) will require reformatting to EXT3. Please let me know if you have any questions. I will be back in the office Tuesday and Wed. of next week.

# Michael Feldman, PhD

Environmental Engineer Air Planning Section U.S. EPA Region 6, 6PD-L Phone: 214-665-9793

feldman.michael@epa.gov

From: Moore, Stephanie [mailto:Stephanie.Moore@luminant.com]

Sent: Wednesday, December 21, 2016 2:12 PM

**To:** Snyder, Erik <snyder.erik@epa.gov>

Cc: Hansen, Mark < Hansen. Mark@epa.gov>; Feldman, Michael

< Feldman. Michael@epa.gov>

Subject: RE: BART Rule - December 9

Erik – Apologies for the delay in getting back with you. We have consulted with our experts on this and want to make sure we send large enough drives for what we need. I'm told we would like all the files including data that is required to reproduce the CAMx and CALPUFF results related to our plants if we ran the models ourselves. We do also want CAMx and CALPUFF separate. If we sent 3 6GB drives would that be sufficient to capture all the data described above (2 for CAMx and 1 for CALPUFF)? Would we need to have them formatted in any specific manner? Thanks, Stephanie

<image007.png> Stephanie Zapata Moore Executive Vice President & General 1601 Bryan Street Counsel

Vistra Energy Dallas, TX 75201 o 214.875.8183 m 214.542.6460

stephanie.moore@vistraenergy.com vistraenergy.com

From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Monday, December 12, 2016 10:46 AM

**To:** Moore, Stephanie < Stephanie. Moore@luminant.com >

Cc: Hansen, Mark < Hansen. Mark@epa.gov >; Feldman, Michael

<Feldman.Michael@epa.gov>

Subject: RE: BART Rule - December 9

Hi Stephanie,

See my contact info below. If I am not around contact Michael Feldman 214-665-9793. Note if you want all the CALPUFF files as well, Will need at least 1.5 TB size drive for those files. CAMx files are on a linux machine (approx. 8 TB) and CALPUFF is on a Windows/Dos machine so it is probably best to put the CALPUFF files on a separate drive.

-Erik

Erik Snyder

Lead Regional Air Quality Modeler EPA Region 6

Phone: 214-665-7305 Fax: 214-665-7263

email: snyder.erik@epa.gov

From: Hansen, Mark

Sent: Monday, December 12, 2016 10:35 AM To: Snyder, Erik < snyder.erik@epa.gov > Subject: FW: BART Rule - December 9

Eric – Could you send contact info to Stephanie?

From: Moore, Stephanie [mailto:Stephanie.Moore@luminant.com]

Sent: Monday, December 12, 2016 10:32 AM To: Hansen, Mark < <u>Hansen.Mark@epa.gov</u>> Subject: RE: BART Rule - December 9

Thanks Mark. Can you shoot me Eric's contact info so we can coordinate dropping off the drives? Appreciate your help.

<image007.png>
Stephanie Zapata Moore
Executive Vice President & General

Delta: TV 75201

Vistra Energy
1601 Bryan Street
Dallas, TX 75201
o 214.875.8183
v.com m 214.542.6460

<u>stephanie.moore@vistraenergy.com</u> m 214.542.6460 <u>vistraenergy.com</u>

ED\_001378\_00011893-00013

From: Hansen, Mark [mailto:Hansen.Mark@epa.gov]

**Sent:** Monday, December 12, 2016 10:18 AM

**To:** Moore, Stephanie < Stephanie. Moore@luminant.com >

Subject: RE: BART Rule - December 9

Eric Snyder is probably best, but I am happy to help as well.

From: Moore, Stephanie [mailto:Stephanie.Moore@luminant.com]

Sent: Monday, December 12, 2016 8:25 AM To: Hansen, Mark < Hansen. Mark@epa.gov > Subject: RE: BART Rule - December 9

Mark – Thanks. For some reason your original note didn't reach me. I appreciate the follow up and we will get the drives over today. Do I send them to your attention? Thanks, Stephanie

<image007.png> Stephanie Zapata Moore **Executive Vice President & General** 1601 Bryan Street Counsel

Vistra Energy Dallas, TX 75201 o 214.875.8183 m 214.542.6460

stephanie.moore@vistraenergy.com vistraenergy.com

From: Hansen, Mark [mailto:Hansen.Mark@epa.gov]

Sent: Monday, December 12, 2016 6:42 AM

**To:** Moore, Stephanie < Stephanie. Moore@luminant.com >

Subject: FW: BART Rule - December 9

#### EXTERNAL EMAIL

Just need 2 - 4TB hard drives sent as described below.

From: Hansen, Mark

Sent: Wednesday, December 07, 2016 1:28 PM

**To:** Moore, Stephanie < Stephanie. Moore@luminant.com >

Subject: Re: BART Rule - December 9

Thank you Stephanie. We will work to get you a prepublication copy asap, probably Monday, but will try Friday if any way possible. For the modeling files, we need two, 4TB hard drives sent to Eric Snyder or Guy Donaldson. We will load them and return to you ASAP.

Sent from my iPhone

On Dec 7, 2016, at 12:43 PM, Moore, Stephanie < Stephanie. Moore@luminant.com > wrote:

Mark – In anticipation of the BART rule coming out on Friday, December 9<sup>th</sup>, I wanted to request a copy of the pre-publication version when it is signed on Friday. Also, we understand that there is likely to be voluminous modeling information associated with the proposed rule. As we have done with other data intensive rules we also would like to coordinate sending over a hard drive to get the modeling data associated with our plants downloaded as soon as possible after the pre-publication version is released. Can you let me know who I could coordinate with to

### do that? Appreciate your help. Thanks, Stephanie

<image001.png> Stephanie Zapata Moore **Executive Vice President & General** 1601 Bryan Street

Vistra Energy Dallas, TX 75201 o 214.875.8183 m 214.542.6460

stephanie.moore@vistraenergy.com vistraenergy.com

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